

ANT/MCL/10

1969/1

ARMERY

1969.

0026

①

I. M. LEOD

B. M. R.

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all bearings ^{direction} magnetic.
All specs. provided by I. R.

1 for 2.

B.L. 61 31 52

N.V. 5 44 31

61 31 52

1.R

1.

$69^{\circ}45'S, 73^{\circ}44'E$

1.R

265

$69^{\circ}45'S, 73^{\circ}44'E$

10 Jan 1969. Landing Bluff.

601. North half of Landing Bluff
is c.g. granite, c creamy white
perthite phenocrysts up to 1.0
cm long, mostly blocky, and
forming 70 to 90% of the
rock, qtz & liot interstitial,
~~in~~ qtz rather more than
liot. (Spec. 1.) Mostly
massive, but near sth end
of northern outcrop, a very
poor foln. of phen. banding
North, dip abt 20° E.

Rock very weathered and
friable, post shattered fragments
of crystals very common on
flat surfaces, and forming
slopes of fine gravel. Outcrop
slabby & cor-like.

Granite here cut by dykes
of darker & finer grained
material (Spec 65th) abt $\frac{1}{2}$

L.R. #66

. 69°45'S, 73°44'E.

metre wide, margin apparently
sharp, mg. fed phen. in fg.
at fed & not. Roughly
constant width & trend, trend
abt N 20 E, dip posn. vert.

These dykes in turn cut
by white apl. dykes, up to
5 cm wide, sharp edged
constant width, trend abt
N 35° E, dip near vert. (Spec ⁶⁶₃)

Bare inclusions in 2.5 mile,
rounded, up to 1/2 metre
including fg. but on 1
thumb nail size fed. p. lts to,
pink aphte

Several blows of buck st,
probably 1-2 metres across.
Also v. c.g. peg. dykes, consisting
of pink perthite, graphic at
not. I trend abt N 20 E, ^W

at north end
but one trending east, cutting
(possibly) a N. trending one; dips
seem very steep. Possibly
zoned, i.e. v. c.g. material in
centre and c.g. non-graphic
material at margin, but crop
not good. One dyke is good
but lenticular form part to
its band.

Several blocks of fresh
material, incl. granitic types
like count. rock, and zone
of gneiss + c.g. charnockitic
looking type. Most ~~for~~ much
fresher than c. rock. Possibly
c.r. was weathered before last
glacial maximum covered
nunataks.

1. B 2. 6928
70° 38' S 72° 01' E

Photos M 861/0-6
black+white
Colour 195/12-14

14 jam yellow ss etc.

Photos on flight south - old 2 B+W.
Hollow hills from east. (two)

Matichelli Hills (light patch,
from ENE)

Barbati Bluff from S.W., 2/11/55
S. to - old, from stream
to river.

Barbati Bluff from N.W. side
from S.W.E., N. Barbati S.
from east.

Green Barbati Bluff from N.W. 195/12, B

Green Barbati Bluff from N.W. 195/14
from N.W.

3. end of Mossburne Rock
~~195/14~~

607. Migmatite, much of it

placid with 25' fold on E

scattered garnets near

bordering & fold (photo) 195/15

Str 145° Dip V. Spec 2

1 R 3 243 69

70°38'S 72°01'E

1 R 4 69
do

photos - 195/16 column
now M 861/7-9

Commonest veins of quartz
fine, many only about 5 cm
wide, used to be broken
wide in one spot, 2 cm
+ sillimanite (spec 3^{1/2}) and
some tendency to discolor
at a certain angle. Spec of
marble (spec 4) which
is dark, fine, and granitic &
cont. streaks of biot.
Possible biot, showing by light
lenses on film. 320° at 50°.

603. 20° north, 2 mile
fraction more common.
Veins coarser & more
places fine banded quartz
having look of staurolite
(about 1/2 - 1 cm, 2 rows, 1
row - 1/2 cm). Coarse
quartz, nearly vertical

1.R.5 69

70° 38' S 72° 01' E

10 cm across, scattered
small patches of hot, some
qty + red gam.

604. S.W. corner of section in
some thin layers only, but
dip south at abt 75°.
Some folding visible on
lower surface, please
note v. steep dip, not
at all. Some layers like
loc 602. Another 20' to
north lower slope in
kind of same to abt 75° dip
v. c.g. with abt 2 in. patches
of hot - red gam. and
thin layers of some of
them with striking abt 75°
Angles in str of 11' 9" + 2' 11"
abt. Spec 5.

Rocks generally are not
shattered, and some is
common, mostly less than

1.R 6 69280150

70°38'S 72°01'E

10 cm, down to gill size.
not much larger than 15 cm
on flat surfaces. ⁴ as
stone polygons on flat
surfaces, 2 to 4 meters across,
some sorting of coarse
frag around edges.

Poor glacial polish on
some slabs, and about
10 m or more. Most
surface of slabs and
fragments covered by brown
limonite, and some
weathering esp of coarser
felsic types. Greenish yellow
stain on some surfaces of
more mafic types.

Large fresh spec of typical rock
Spec - 6.

1. R 7 ~~SR~~ 69

605-609

See p 49 also for locations.

605. Large outcrop on east
side of Ilha, abt middle
of o'crop.

Migmatite, fine Mousinho.
Island, abt equal parts of
light + dark in irregular
up to 10 cm, light + dark in
parts, dark in others.

Crystals of all sizes both
fractures, but more common
in st. Str. 1000, dip E

at 60°. Porphyry
in places. V. Coq. light
fracture not common.

Spec. of igneous rock (black)
some white st. in some.

Same as at Mousinho Island.

Polygons similar, but some
larger, and sides tend to meet
in pits occupied by basalt.
15-50 cm, all angular.

1929 all not pass

oil

S. 2000



200

2000

all not

all not

spend

see p. 2

Photo

19518

M 861/11, 10, 11, 12, 13

SPAYD ISLAND

505. Spayd Is., corner of
west end.

Reefs scattered, but
common to the eq. from
fraction to scattered
from a belt in eq. B.D.
is small from within
ports. Spec. of 3 similar spec. of
the upper end of eq. section
(upper) from 20' rising.
Some to 30' at Mossimo
Is.

Str N 160 dip about 40°.
Some folding in the middle
of the series in eq.

195118

Some spec. in the middle
of the series in eq.

507 North end of outcrops in east side Gillock Is.

side B.D.
Purple chert, in bed
4 in long + 1 of 2 in

1 R 8 69

70° 35' S 72° 05' E

1 R 9 69

do

1 R 10 69 109.

70° 20' S, 71° 52' E

1 R 11 69

70° 20' S, 72° 01' E

no more, uniform, no
dune. ^{10.}
The unit, but some clusters of
same glacial stone.
dark brown. Very dark
at bottom of it. ^{10.}
also 1000. Col. photo taken
195719

608. with part of road
scattered over - rough
chance line 607. ¹¹

609. with part of road
over ^{at end of 605} ~~scattered~~ ^{scattered} ~~over~~ ^{over} ~~road~~ ^{road} - ¹¹
line that ~~is~~ ^{is} ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~area~~ ^{area} - ~~no~~ ^{no} ~~over~~ ^{over} ~~road~~ ^{road} ~~but~~ ^{but}
no doubt. ~~It is~~ ^{It is} ~~very~~ ^{very} ~~fine~~ ^{fine}, ~~as~~ ^{as} ~~before~~ ^{before}, ~~to~~ ^{to}
pale. ~~Some~~ ^{Some} ~~of~~ ^{of} ~~different~~ ^{different}
with ~~line~~ ^{line} ~~from~~ ^{from} ~~608~~ ⁶⁰⁸ ~~at~~ ^{at} ~~about~~ ^{about} ~~1000~~ ¹⁰⁰⁰

1. R 12 6928

70°18'S 69°47'E

71

photos

M.M.S.

195/20 Photo of *Phlox* (Habenaria) from same
as same place, but pt.
to same region, purple
2nd & 3rd photo
pinkish phen up to 5
cm long, looking in 19
water of field, 2nd & 3rd
phen form 70% of all
in same pt. April 12, photo
taken.

On April 12, 2nd photo
80% of field phen, up to
20 cm long, 2nd & 3rd
photo.

50 On up of same place.

195/14. same. with
on photo of *Phlox* (Habenaria) from
same place, but lower down,

195/15 B.N. photo of *Phlox* (Habenaria) from
same place, but lower down,

Two or three of these two
seem to be the same, from

10-11-2017

7-1-1

1

71

11395.

Photo 0861/16

color + texture. Notho no
unusual on both crops
similar. No sign of infection.
A few spots, probably of
light rain or dew.
No phlegm. Some spots
as a clouded surface.
And a few small, usually
in pairs, I counted
a white + light yellow
infection. BW photo on
west crop. M 861/16

BW Photo of Genovip from 19-10-16.
M 861/17

Photos

18 Jan 1909.

To Beaver Lake.

~~M-18~~ M861/18, 19, 20

Photos in B+W (3) and
195/25, 26 of P.C.M. Photo of
food in ice (B+W) stop
Lefter Res. in M861/21

Photo - [illegible] [illegible]
195/28-30 [illegible] [illegible]

msb1/22

MS 61/22
Pitt - 2/18/1912 - 1912

19611,2 M861/25-27 M861/30,29
19616

Photo of a person

Photo's on E side of Gilchids
from WSW. (Costal) M861/31 M861/32
Bridgchall Hill. See in S. (Costal)

Bug (Cynipid) on dome of mistletoe. M. 861/33

Box of "Milkmaid" - 1000

M 861/34

1. R 13 69

Gne Qtz feldsp gneiss

1. R 14 69

Mafic gneiss

612. Yellow Penin.

No crop, but boulders of
qtz fed gneiss c 1 cm diam
clusters of pink garnet, partly
altered to pale green mineral. Some
boulders up to 1 meter across,
most rather regular, and least
of frost shattering. Many have
a strong lineation (spec 1 R. 13)
which some banded spec. suggest
may be the result of interrefolding,
as some of these are very
crumpled. Spec 13 is fairly
typical.

This gneiss is banded c more
n. epic rock (spec 1 R. 14) cont.
~~is~~ representative of most mafic
variety seen. Bands of n. epic
and gneiss tend to grade one
into another, and ~~are~~
dark bands - some from 1 cm
upwards in thickness. Thickest
seen was abt $\frac{1}{2}$ metre, and

Box 2029

✓ I.R. 15 69
Kente

✓ I.R. 16. 69 280151

Metamorphoser basit dyke.

was clearly banded mafic + less
mafic. Mafic mineral seems to
be aug. garnet, now altered
to chlor. biot in part.

Rocks are much post
shattered, but from a
banding of light and dark
can be seen, sugg. they are
initially in place. No trace
formed into rough stone
pebbles. Also specimen.

Cutting these are dykes of
diorite (Spec I.R. 15). Some
spread of fragments, but
width of dykes spec 2 or 3
metres. Also much post
shattered. Trend mostly
abt N-S-tine, but some trend
at acute angle to this. Rock
is f. g with small feldspar.
Spec I.R. 16 for ore det.

Near intersection of two
dykes - rock cont. p blebs

Box 2429

✓ I.R. 17. 69

Gneiss with dark mica
perphyroblast

of c.g. chloritized dark min.
(spec 1R17). Spec cont higher
proport. of dark min than others.
This type seen only at this
spot, at intersection of dykes.
Gives impression of being result
of bastification by dyke magma.

See all photos near and
south of here, going from S to N,
and looking N.

Noted from 1R13

613. near south end of same
rock mass.

Thin. conditions - no crop,
but banding visible from air,
all inverted boulders.

Greatest predom. is garnetif-
ied, feld. gneiss very like 1R13,
in mineralogy, but without 17

✓ 1 R 18 18B 69 280155

Cont Qtz feldsp. greiss

Metapelite.

✓ 1 R 19 69 280156

Matrix greiss - Calc

Sitizale

✓ 1 R 20 69

Matrix dark

Bx 2429

marked lamination, and of
tending to form blebs of different
size up to 2 cm across.

(Spec. I.R. 18 seems biotitic).
Many surfaces with a slight
wavy, undulating look, and some
limonite staining.

A few boulders of green, more
even grained, more mafic
- rich (Spec. I.R. 19). The
matrix is altered to
green, micaceous, this type
also has limonite stained
surfaces.

Dikes of dol. also (Spec. I.R. 20)
but green, and rock green,
with fewer feldsp. phen but
more mafic phen. Ground
again seems about north.
Surface of boulders
conspicuous, but may be
result of weathering of phenocrysts.

Amphibolite

✓ 1.R. 21 69 280157

Box 2429

✓ 1.R. 22 69

Qtz feldsparite gneiss

✓ 1.R. 23. 69

Dyke - Marble

Box 2429

614. South end of mass.

Same conditions again. Seems to be more study of types between two extremes of felsic and mafic. At one extreme is amphibolite (spec 1 R 21) at other syenitic gneiss. Spec coll (spec 1 R 22) has some altered mafic, and also strong biotite + hornblende by mafics, which seems - exact of setting.

Dykes again, but not many. Rock is like 1 R 20, \pm mafic phen. (spec 1 R 23)

S



Spring Lake



65

1.R 24 69280158

1.R 25 69280159

✓ 1.R 26 69280160

19 Jan 1969.

6 mi east side of Irving.

615. Flat outcrop of northern
Reinhardt Hills, at NW
end of hills

Little or crop, but plain view.
Mainly mg. cq. of coarse feld.
quartz & garn + some biot,
common. Stained (spec 24)

Some bands of cq. green
granite (spec 25) prob
a meter or two thick.
Parts very of rock. Some
dark bands mg.

Dark band at base 1 m
thick of biot feld quartz,
mg, lgmg. (spec 26)

Str N 10 mag, 40° E

Possible very tight folding
in some of the bands like

spec 24, in a few feet.
Some felds, from probably

✓ 1.R.27 69

thin band, of green light och,
g.
One patch of light pig.

6.6. ntk to east. further
appearing. Mostly light line
spec 24 and spec 26. latter
predom, but banded light
with + pos (spec 27).
No very c. with line spec 26
again, but none of the
fine varieties present.
No and crop - all banded.

Photo Ant 91/3A/2010

6.7. S. and Gunnings from at
highest pt.

Rock is cream line with
rounded slabs very weathered
little exposure
most of surface is for 10-2
cm across. Poorly developed

1.R.28 69280161

70°12'S 72°31'E

✓ 1.R.29 6928
do

1.R.30 6928
do

✓ 1.R.31. 69280162

70°08'S 72°38'E

Photos 196/9, 10.

polygons upper member
in fine material in valley.

Dike of -g. basic white
striated 2 ft 1150. width
prob 2 ft 2 meters.

Spec 28 (spec 28.)

Spec of chain (spec 29.)

^(196/119)
Pieces of slab of chain

As at 1150, loc. 11

196/9 with dike in valley.

As 1150 of 1150. 1150
g. 1150, 1150, 1150
to chain 1150.

may be dike in valley
along 1150 of 1150
1150 (spec 35)

Also a few pieces of apophite.

✓ Branstetter Rock

60 Western of 1150
1150. 1150. 1150. Chain
As at 1150. (spec 31).
Very slight posib. of 1150

✓ 11 32 69280163

✓ 12 33 69280164

N120, by alignment of dip,
but this is also a good
joint down.

Other two crops here are
seen from air. Possible
dyke at end of one visited
landing was not visible
at section half of mass.

619. S. end of Witchell 1st
from 2nd to 3rd, 5' thick
+ scattered zone, 1190,
dip 30°S.

Cut by dyke of mg sandy
at 1170 dip W 32 45°, 15
cm wide. (Spec. 32) ± 30.
Weakly p. to surface
a mg fairly 20' thick. End of
field '20, no the weathered
(Spec 33) faint rather
whispery structure due to

- 1 R. 24 69280165

- 1 R. 25 69280166

Photo 196/12, 13.

variation of lwt. str N90,
1961/12/25. Photo ??

Cut ¹⁰ finer than (1-3 cm) of
feld veins, mg, & small
lwt flakes. str N135, dip
50° S. A few small
clots of lwt of feld. ^{45°}
w. q, pink feld, and a
small ¹⁰ vein, generally
concordant but ^{upto} 2-3 cm
slightly, ^{upto} 4-
5 cm. ¹⁰ by sharpening the top
from 1 cm to 15 cm.

1961/13 Photo. Spec from lwt. ¹⁰
band by methyl app. (spec 35)
In lwt. ¹⁰ in 2 & 3,
grain ¹⁰ and ¹⁰ bands, ¹⁰
long veins of the ¹⁰
lwt of ¹⁰ ¹⁰
(Spec 35). ¹⁰ ¹⁰ ¹⁰

photo 196/14.

near west edge, block of it
 colored my best green, whistling
 banding, cont. view of
 slightly darker of red
 hat, of which without a
 sharp margin beyond green
 dotted green in green.
 View from road up to
 5 m. wide, head of
 stream, green, and
 different top. Photo

196/14

i.e. McKasle Hills (S.E.)

620 Central Mitchell Hills

View to G. 9. 100 ft
 2. 100 ft. Still in
 light back of it, 1. 100 ft.
 bands of green. Green
 present
 at west end of
 2. 100 ft. N 35, 20 W.

✓ 1.R.36 69280167

✓ 1.R.37 69

Join planes hard to make
out and dip may not be
reliable - seems to be
a lineation, possibly
towards NW part of group.
quartz becomes more
rich (spec 36) though
banding still not sharp.
Dip. str. N 340, 20 W.
Occasional pieces of q. gran
of the light rock, of p. gran
in same. Spec (spec 37)
cut more quartz than
most.

Towards highest pt
(bearing to highest pt. of
plate 360° N and in center
of N. side hill 113° N 28° E)
quartz becomes more
common and banding
more marked, looking to
felsic lenses in dark rock
which is half finely banded

✓ 1 R 38 69

Photo 196/15
m 863/16, 17.

4 inches of c.g. of fed on
along some bands, later
N 300 20 W. Spec. P. 32
is ~~typical~~ of summit, except
that summit is a little
little more like Spec. of
summit rock (spec. P. 32).

1961/15

Summit - a little
coarser than on
east side of mountain.

A few c.g. pieces in bed c. 20 ft.
in open bed c. 20 ft.
above and at V. 1 in bed.

1963/16, 17

Plots of area of 620 ft. x 100 ft.
at V. 1 in bed.

Not much very material at V. 1.
in no line

✓ 1.R 39 6928 0168

✓ 1.R 40. 6928 0169

McKaskle Hills - NW

620 White Bluff near
NW corner of block, at
edge of bluff. White rock
is of fine grained sandstone
red grain and a few
thin layers with
green & sand. Layers
only a cm thick, with
sp. of fossil. (Spec 39)
An oil field in the
Rock zone

10 [S] ———
cm with nodules of calc
where first about
Sticks of oil N320, dip
50° W.

A few bands of fossil
grain, mostly thin, but
fossil. 1/2 m. thick
(Spec 40)

1/2 mile to north

he nearly summit rock
more brown bands.
prob to be green as before.

Western side of valley sum,
to be c. mg. finely banded
gran. but at top of v. is
as before, of coarse in parts,
these parts are coarse
and red. But cont. of
high generally. Band of
light green at top of gran.
seem to be in banded,
but much more.

Whisnant Nth

O. crop several m. N. of
~~Whisnant Nth~~ of ~~Whisnant Nth~~ crops
in ~~Whisnant Nth~~ of ~~Whisnant Nth~~ crops
white bands ~~Whisnant Nth~~
few str 120° T, fold
sum from air to pitch
steeply 5 ft



✓ 1. P 41 69280170
69°55'S 73°12'E

✓ 1. P 42 6928
69°55'S 73°13'E.

Photos

196/16
MB63/18
863/19

Box 2 colour pig. coll
white minkie binding.
Box of plates - Hells for
S. (Australia II - Victors!)
(Poms - Last!) (series!)

Harbor Hills

622. Further part of series
in ... NE corner
of ...
but, intricate but possible
form given by along of
series N20. - but design
(Spec 41)

A very common band,
at 92 x 2 in center, 11300, 20E,
of 62 + 11

Spec 100%
from summit (Spec 42)

Str N 360°, 80 E. Qty. var.
40 cm wide, conc. lent,
white, massive qtz.

Lentils 50-100, but a
little more common, as
10-15% of mass of whole.
Lentils occur in bands,
even distance of 10-15 m
or so, then a few banded, then
concentric, but lentils
form whorls, banded
cm wide and 10-15 cm
long. A few eq. bands,
1-2 cm wide, of qtz,
+ feld, but not in
on base.

Patches of coarse feld in
one spot, patches up to 100
cm across, x ls up to 5 cm.
Also a patch of 7 qtz.
Lentils, and to grade
into eq. rock containing them.

✓ 1. R. 43 6928

69°55'S, 73°13'E

✓ 1 R. 44 6928

do.

✓ 1. R. 45 69280171

69°48'S 73°35'E.

Photo 863/20

3. ...
 most ...
 and ...
 up to ...
 ...
 ... within veins.

Alt concordant.

863/20

...
 ...
 ...
 ... (specimen).

623 ...

...
 ...
 ...
 ...
 ...
 ...

...
 ...
 ...

✓ 1 R 46 6928

69°48'S 73°35'E.

Photo 863/21.

Hunt of fish 1880, 820
Spill in pool. Observed
in that it has less fish
than the other.
Traps of feed but no fish
and a few - ? enough
(Spec 45).

863/21 P. 10. 10. 10. 10. 10.

M. A. I.

11 A. 47. 6928
69°46'S 74°26'E

20 Jan 1969

Photo Ant 23 Run 312/2103

624 N. Mt. Caroleo - Mikkelsen.

Rocks at south end are
finely banded pyroxenite and
mg, equigranular, with rather
obvious banding. N 340, 25° E.
(Spec IR 47). is typical.

Here & there are bands rich
in pyroxene, up to 2 cm wide,
and a few, $\frac{1}{4}$ - $\frac{1}{2}$ cm wide,
of brownish st, each
uniform in width and
persistent.

Also a few bands up to 4 cm,
of ~~st~~ c. mg st & f. st. Dy-feld
bands (2 or 3 mm) seem to be
common in certain parts.

Thin rocks ^{rough} across to the side of
summit plateau, and strike &
dip here are same as on west.
Several discordant series

of c. 25 ft. and 1 ft. thick.
brown and abt 2 cm across
widest vein 1 meter, but
several others abt 20 cm.
junction to gneiss

A few ~~vein~~ lenses of
greyish white st.

Hint of very tight folding of
gneiss in places, possibly on
hanging axes.

625. northern of two norths east of
mt CM. (Holder Ph) 91/30/2060
Centre of north side of
southern peak.

Interbedded pyrox feldsp, ~~parts~~ mg schist, parts banded
as on mt cm, others with
broader (up to 15 cm) bands
rich in pyrox.

✓ ~~1. R 48~~

✓ ~~1. R 49~~

a mixture of ...
mostly in part, ...
due to rain in parts of
at & field, mostly coming off of
rain size. tends to be in
this also giving a film. Forest
content not high.

Str N 350, 70° E, rain
possible ... in heavy rain,
some parts of at field in heavy
rain ... rain. Forest
seems confined to center
bands of at field ...
and in visible only in
parts. Some bands of ...
... at & ...
to be ... rain size
... of rain at field in (~~some~~?)
and ... field (~~some~~?)
former ... rain size,
latter fairly typical.

625 in saddle hit two bulls.
with ... as above
N 350, 20° E. Alt 60% ...

1. A 48 6928
69°45'S 74°30'E

1. A 48 6928
do.

✓ 1. A 50 6928
do 69°44'S 74°25'E

✓ 1. A 51 6928 0172
do.

69°44'S 74°25'E

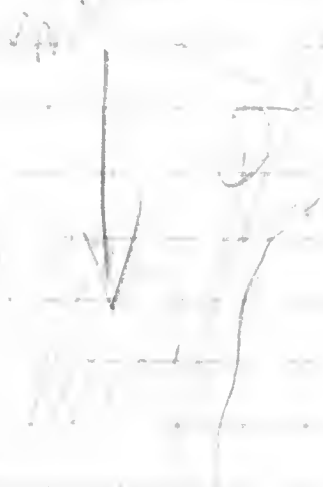
(Spec 42) dent. c. dec. to
loc 625. And pyroxid
zn as at 625, some bands
(up to 20 cm wide) up to
20% pyrox. Spec (spec 49)
of typical pyrox-feld zn.
Some bands 5 cm wide
of c.q. feld in p.F. zn here.
Some of q.f. zn is iron
stained, other ^{highly} ~~highly~~ ^{ditto}
Bands seem to be 5-10 m
wide.

So valley bet. peaks is glacial,
much more time on east
side of tip on west side of
valley.

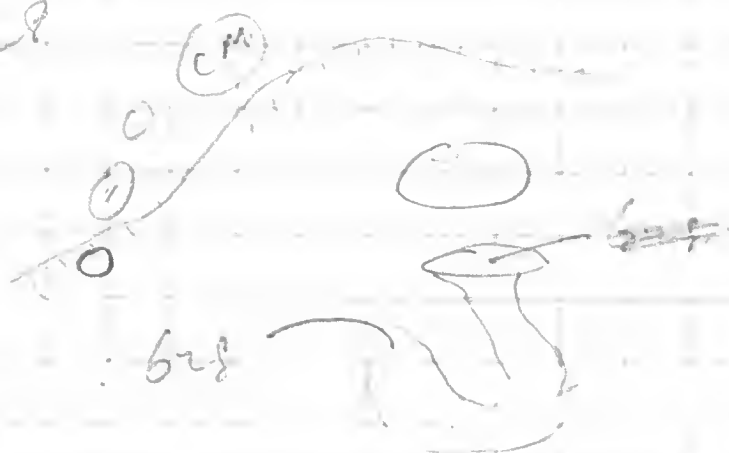
67 Possible fault through valley
and east side of other hill,
trend abt. 180°

Both types of z. are here.
a network of pseudotachylite

1. R. 50. au Anniversaire
61 R 51



628



view of the ...

628. Island 10 of 74 cm.

Photo 91138/2060

At only banded sequence
in cl. (pyrox - brot field on
(spec 1 R 51) very regular
banding, bands 1-10 cm
cont 50% brot, rest 5 bands
free of brot or cont up to
abt 10%. Edge of b. free
bands sharp. Very acute
folding - visible on sub
horizontal surfaces, axes
prob near hor. Some
parts cont more pyrox than
others to brot. A few
cont. bands of pure pyrox
cf, 1-2 cm wide.

Also QF and GPF 7. mm
line loc 627

✓ 1.R. 52 6928 0173

69° 44'S 74° 25'E

✓ 1.R. 53A } 6928 0174

✓ 1.R. 53B }

do

✓ 1.R. 54 6928 0175

do

more sandy, and 2% sparse
(Spec 53) some bands up to
10 cm wide, 80% gam, red
feld + dark min.

Some GPF 3m cont thin
layers of list (Spec 53) (B)

Str N160, 20°E.

Some bands of PF 3m cont
80% pyrox, and thin
bands of ~~off~~ rock c 20%
gam (Spec 54.).

Banding of GPF 3m
slightly irregular in
patches of coarser material

Width of units - ranges from
20 cm to more than 30 cm.
Some eq. b of pep, very
in width to thin, up to
20 cm wide.

Photos 863/22, 23
196/17, 18.

M 863/22

BW of ...
... column of ...

196/17

...
... col of ...

863/23

196/18

One ...
80% ...
...
...

STROVER PEAK

Grq ... Ant 83 km 38/2096

Pyron ...
...
...
...

1.R 55 6928

69°42'S 74°07'E

1.R 56 6928

do

1.R 57 6928

do

Mt. C.M = Mount Caroline Mikkelsen.

sp. 100
 as seen from S. by 2.3 m.
 wide. seems to be little bit
 after N 30 W, 20° E
 in pf grain (spec 55).

62? A. 40° x 50° as on island N
 of Mt. Cm, but most iron
 stained, but not more
 common in place. Spec
 of typical (spec 55) which
 is similar to typical of 60.
 some banding in
 wide piece of ore of c
 in field and/or garnet.
 Spec of garnet of 40° x 10° (spec 57)
 brought back by me. \$
 Dist N 30 W on plain, and
 100 m. west, 40° in has
 molybdenum. It seems common,
 on occasion being a general
 trend about N 30 W. and out.

I.R 58 6928

630 Farmer Pt. 8-13-1940.

Massive eq. ^{best} p. lentic zone.
(spec 58) like Colburn mth,
feldspar forming 60-70%.

Dike of p. l. 25 cm wide, c
pink feldspar zone, best
cut white p. l. 25, and of
tending to segregate into
center. Also not in zone.
P. l. 25 & pink feldspar, and
finer grained, like mth
of p. l. zone. Margin fairly
sharp. 60° E. & 60° W.
constant N 20, 45° W.

Also a c. mg. of feldspar &
a little bit, 2 cm wide,
with cone along margin,
cut by above dyke. trend
N 20, 45° E.

1. R 59 6928

1. R 60 6928 0176

2nd. Another place
F-100 on the ground
out N250. 0.5 m. as usual
3 m. as usual. 0.5 m. as usual
flood of 10 m. as usual
Several 10 m. as usual N250
prob no more than a
meter wide, and not very
high. 10 m. as usual (approx 10).
10 m. as usual. 10 m. as usual
10 m. as usual. 10 m. as usual
10 m. as usual. 10 m. as usual

Location of 10 m. as usual (approx 10).
10 m. as usual. 10 m. as usual.

10 m. as usual. 10 m. as usual.
10 m. as usual. 10 m. as usual.
10 m. as usual. 10 m. as usual.
10 m. as usual. 10 m. as usual.

all 10 m. as usual. 10 m. as usual.
10 m. as usual. 10 m. as usual.

43

in the ...

Hampk and islands ^{+ nunataks} from
Holder Peak west to east
outcrop east of Palmer Pt group
from air look like banded
BQE and RF. In places like
Holder Pk etc. (see photos)

✓ 1. A. 51 6928

69°43'N, 73°45'E

1. A. 62 6928

do

Cont. of the field, 25 ph.
spec (spec 61) of H. st. with
type from here.
(cont. p. 17.)

632. Rock at S. end of island
is. ... 70%
phen. (spec 62) of
H. st. with a ...
scattered field phen. and
small grain of purple
ferrite. Ten. is white
edged, roughly spherical,
and 2 m across.

10 meters to west is
vein of peg. H. 20, 30 w. at
25 cm wide, v. ...
(H. and peg) no. 10.

Vein of 19 feet. ...
N 66, 30 W.

✓ 1 R. 63 6928

67°43'S 73°45'E

1 R 64 6928.

do

Re. 1000

For a few miles (1000 ft)
Dirt is in the middle of the
cgl. but each block is
bands of fine material
2-5 cm thick. (MSB, 752)
Siliceous bands 100, 200
and cgl but each band 11220
at summit.

631 contd. Spec of white
seems to be typical rock
(Spec 631). Bedding is a
band 1 meter wide at base
of cliff, widening to 2 meters
at top of 5 m. Thick rock &
few phen at edges, bedding
fine. Very coarse phen
in center. Center edges
sharp & garnet normal. (MSB)
Bed is not vert.

126 1673.

Jeddy Pen

T.N.

Lower level



67)

Removal of sp.

mt.

1.5

24 Jun 1969

22 40' at 1000.

863/25

Row 2nd 1/2 from shore

22 2300 ft

863/26

N. 1/2 mile from shore

863/27

2nd & S. 1/2 mile from shore

Row

4 2nd 1/2 mile from shore

863/28

2nd 1/2 mile from shore

22 560 ft 1615.

DG. 2000.

196/22-24.

1/2 mile of north 1/2 mile from shore

22 110 at 1705.

Row 1/2 mile from shore

M863/29, 30, 31.

M863/32. 1/2 mile from shore with

M862/0

Cont. di
Sulphur

0-100 - 100

✓ 607

chan.

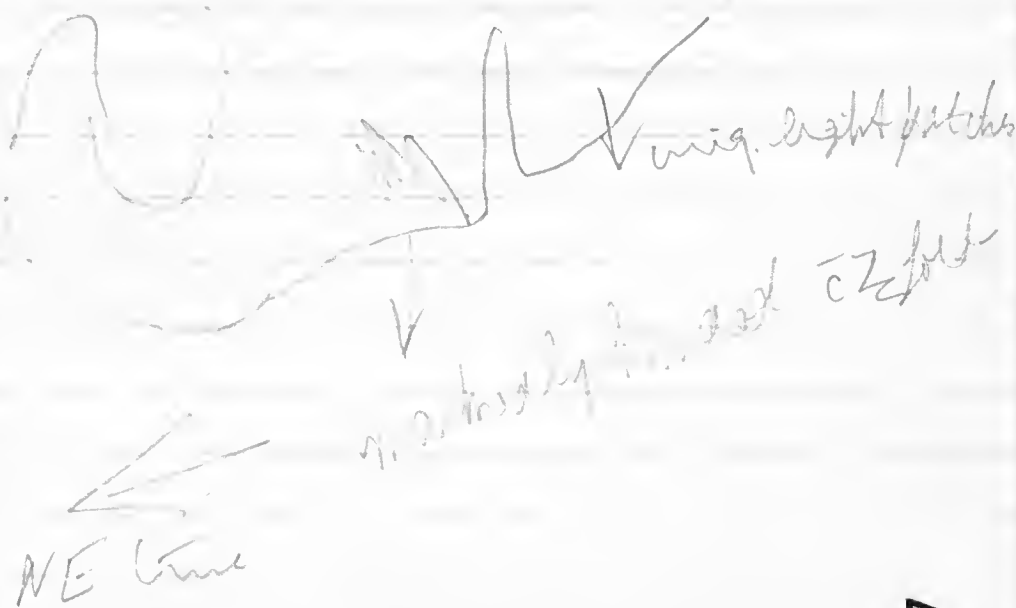
608

✓ 609

✓ 605

Examp.

100



1.R.67.

69°43'S 73°46'E

✓ 1.R.68.

do

✓ 1.R.69

do.

25 July.

Sanson Is. - 11.5 N 17.0 W

Altitude 105 ft at 1350.

Photo 83/318/9086 11.5 N at 1705

633 Sanson Is. Country
rock seems to be ^{not} as
poor as on Michells
Is., but very weathered.

Then poor hornblende type more
abundant than on Michells Is.
This type - exists weathering
and always as large
broken blocks, flatter than
pyph. type. No definite shape
seen - may be ^{seen with}.

Spec of this type (Spec 67)

And of pyph. & granite country
rock & finer than on A. Is.

(Spec 68) masses of hornblende
type are up to 10 m across.

Dipite - 12 - (Spec 69) N 200, 30 W.

(Spec 69). Sharp edged, underlying
both types of gran. See other

10.1 to 10.5, some others weathered

✓ I.R. ~~132~~ 6928
59°42'S 73°51'E

✓ I.R. 6928
do

11-10-2010 AM 83 F - 11?

1376
rough look in a zone
but less variable. Spec (Spec
70) of typical granite below
summit on S side. On
S side of summit is aplite
as on lower S, here N 260
30 N. W⁴ NE of summit is
dyke of light gray (Spec 70)
sharp edged, almost typical
granite but harder. The
other way. General trend
N 360, 10 E, width up to 1 m.
Dyke + country, with
section of coarse rock,
some of it light gray, different
dyke types trending to S side one
into another.

nearby is a xenolith of
creamy q. Aplite as in
dyke, sharp edged, 15 cm across
or so.

✓ 1. R 71. 6928
69°42'S 73°51'E

Photos 196/28
M 802/1

some, some small
some, some small
not dip, some other
form, some small
the paper, the
wide, not much
2 cm.

196128

M 862/1

Photo. (see p. 1) + h.w.

Also one copy of no 1320
V, probably 2nd ed. 1871.

NW of Summit a dyke trending
N 300° approx. strikes and trends
210°, and is intersected by
thin felsic veins. The bedding
about 40°, steeply dipping
to all dip 10°. First 40° under
dyke is fine - rather pegmatitic
to 100' thick, as shown above
for peg piece of 50' thick.
Spec of 300' bedding dyke
which cut fine peg
(Spec 71)

58

Palmer pt from Bozom
Is.

6-4-3

1

Photo 83/32/1090

Exposed purple ...
...
abt 1/2 meter wide, one
such dyke ...
cuts a mg host granite
dyke ...
abt
16 cm wide.

Gen. closely ...
in parts ...
weathering ...
? join ???

Gen. of aphte dykes, but
very few of the ...
dykes. ...
abt 1/2 m

near ...
band abt 2 m wide ...
... up to 5 cm
wide cont ...
... of purple ...
in
which purple are oriented

✓ I.R. 72 69

✓ I.R. 73

69°46'S 73°45'E

W 350 v. 1 - ...
has 10 cm apite ...
S. side -

Spec (Spec 72) of porphyry,
typical except phen. - ...
larger than average.

V. q. peg, Grand N 90 ...
of ... white ...
dirt 20 cm wide.

photo 83/318/9086

636. n Saddle ...
Landing bluff.

Rock here ...
but cont. more ...
collins ...

Spec of typical (Spec 72)
V. q. peg ...
N 40 V. ...

✓ 1A 74.
69°46'S 73°45'E

2. Spec. of *U. m. l. l.*

Spec. of *U. m. l. l.* 2 and
new. (Spec 1 R 74)

Upper 1/2 of ~~massive~~ *U. m. l. l.*
with 5 of middle *U. m. l. l.*
likely typical *U. m. l. l.*
Cont. thin *U. m. l. l.* (3cm)
bordering *U. m. l. l.* One
field *U. m. l. l.*, 5cm long &
2cm wide, 3cm *U. m. l. l.*
with *U. m. l. l.* *U. m. l. l.* *U. m. l. l.*
2cm wide.

U. m. l. l. *U. m. l. l.*
U. m. l. l.

Then along base of *U. m. l. l.*,
bordering *U. m. l. l.* field. *U. m. l. l.*,
margin *U. m. l. l.* then at
least 2 *U. m. l. l.* in width. End
of *U. m. l. l.* - *U. m. l. l.* *U. m. l. l.*
in middle *U. m. l. l.*

✓ 1.12 75

69°46'S 73°45'E

Photo 23/312/9406

isomorphous with a small il-
somorphous, all faces are common.
Sim. purple but gran,
some vein in phen. content-
n. only 60-70% but 40-50
in places, these tending to be
richer in crist. One variety
grades into another over a
distance of 1-2 cm. Spec
of phen. type (Spec 1A75)

